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Set	Items	Description
S1	1176547	VEHICLE? ? OR AIRCRAFT? ? OR AIRPLANE? ? OR AIRLINER? ? OR PLANE OR PLANES OR JET? ? OR HELICOPTER? ? OR MOBILE(?) PLATFORM? ? OR CAR OR CARS OR AUTO OR AUTOMOBILE? ? OR TRUCK? ? OR BUS OR BUSES OR TRAIN? ? OR SHIP? ? OR BOAT? ? OR SUBMARINE? ? OR READING OR RECEIVING OR PLAYING(?) UNIT OR DEVICE OR COMPONENT OR HARDWARE OR MECHANISM OR MODULE OR ELEMENT
S3	551394	MEDIA OR ELEMENT? ? OR UNIT? ? OR CASSETTE? ? OR DISC? ? OR DISK? ? OR SKETTE? ? OR CD OR CDS OR COMPACT DVD OR DVDR OR DVDWR OR DVDROM OR DVDROM OR MINI DISK? ? OR MINI DISC? ? OR CD OR CDROM OR FLOPPY OR FLOPPIES
S4	180749	(OPTIC) OR PORTABLE OR TRANSPORTABLE OR REMOVABLE(1W)(MEDIA OR MEDIUM OR STORAGE) OR (PORTABLE OR TRANSPORTABLE OR REMOVABLE OR FLASH OR USB OR THUMB)(1W) DRIVE? ? OR THUMBDRIVE? ? OR CARD? ?
S5	15100	(UNIT OR DEVICE OR PROCESSOR OR COMPONENT OR LOGIC OR MODULE OR FUNCTIONAL) BLOCK OR ELEMENT OR CHIP OR MICROCHIP OR CIRCUIT OR IC(5N)(DECRYPT???) OR DECRYPTER???) OR UNENCRYPT???) OR DESCAMBL???) OR UNSCRAMBL???)
S6	532378	(SEND???) OR SENT OR TRANSFER???) OR TRANSMIT???) OR TRANSMISSION? ? OR DELIVER???) OR PROVIDE???) OR FORWARD???) OR COMMUNICAT? ? OR RECEIVE???) OR RECEPTION(5N)(SIGNAL? ? OR STREAM? ? OR BITSTREAM? ? OR DATASTREAM? ? OR BYTESTREAM? ?)
S7	653590	(SEND???) OR SENT OR TRANSFER???) OR TRANSMIT???) OR TRANSMISSION? ? OR DELIVER???) OR PROVIDE???) OR FORWARD???) OR COMMUNICAT? ? OR RECEIVE???) OR RECEPTION(5N)(PACKET? ? OR FRAME? ? OR DATA OR INFORMATION OR CONTENT? ? OR FILE? ? OR MEDIA OR AUDIO)
S8	342732	(SEND???) OR SENT OR TRANSFER???) OR TRANSMIT???) OR TRANSMISSION? ? OR DELIVER???) OR PROVIDE???) OR FORWARD???) OR COMMUNICAT? ? OR RECEIVE???) OR RECEPTION(5N)(VIDEO? ? OR MOVIE? ? OR PROGRAM? ? OR APPLICATION? ? OR SOFTWARE OR MUSIC OR SOUND? ?)
S9	57855	S2(20N) S3: S4
S10	8495	S5(50W) S6: S8
S11	763	S9(100N) S10
S12	40	S1/TI, AB AND S11
S13	23	S12 AND PY=1978:2002
S14	13	S12 AND (AC-US OR AC=US/FR) AND AY=1978:2002
S15	24	S13: S14
S16	24	IDPAT sorted in duplicate/non-duplicate order)
S17	1084518	VEHICLE? ? OR AIRCRAFT? ? OR AIRPLANE? ? OR AIRLINER? ? OR PLANE OR PLANES OR JET? ? OR HELICOPTER? ? OR MOBILE(?) PLATFORM? ? OR CAR OR CARS OR AUTO OR AUTOMOBILE? ? OR TRUCK? ? OR TRAIN? ? OR SHIP? ? OR BOAT? ? OR SUBMARINE? ?
S18	5653	S17(50N) S9
S19	152	S18 AND S10
S20	8	S18(100N) S10
S21	43	S18 AND S10/CM
S22	49	S20: S21
S23	45	S22 NOT S12
S24	18	S23 AND PY=1978:2002
S25	14	S23 AND (AC-US OR AC=US/FR) AND AY=1978:2002
S26	22	S24: S25
S27	22	IDPAT (sorted in duplicate/non-duplicate order)

16/3, K/5 (Item 5 from file: 348)
DI ALCG R) File 348: EUROPEAN PATENTS
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01273925

DATA DI STRI BUTI ON SYSTEM
DATENVERTEILUNGSSYSTEM
SYSTEME DE DI STRI BUTI ON DE DONNEES
PATENT ASSIGNEE:

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Kawasaki-shi, Kanagawa 211-8588, (JP), (Applicant designated States:
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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 1221690 A1 020710 (Basic)

WD 200116932 010308

APPLICANT (CC, No, Date): EP 2000955044 000825; WD 2000JP5770 000825

PRIORITY (CC, No, Date): JP 99241747 990827; JP 99345229 991203

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G10K-015/02; G06F-015/00; G06F-017/60;

H04L-009/08; H04L-009/10; G06K-019/00; H04H-001/00; H04M-003/42;

H04M-003/493; H04M-011/08; G10L-019/00; G06F-013/00; H04L-012/22;

H04L-012/58

ABSTRACT WORD COUNT: 101

NOTE:

Figure number on first page: 5

LANGUAGE (Publication, Procedural, Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A (English) 200228 4044

SPEC A (English) 200228 22329

Total word count - document A 26373

Total word count - document B 0

Total word count - documents A + B 26373

... ABSTRACT to extract a session key Ks from data applied from a server to
a data bus BS3 over a cellular phone network. An encryption processing
unit 1406 encrypts public encryption key...

... 110 based on session key Ks, and applies the same to the server via data bus BS3. A register 1500 receives and stores data such as decrypted license ID and user...

... and a memory 1412 receives and stores encrypted content data (Dc)Kc applied from data bus BS3 and encrypted with a license key Kc.

... SPECIFICATION Kc from memory 1412, and applies it to data bus BS2 (step S226).

Audio decoding unit 1508 of cellular phone 100 decrypts encrypted content data (Dc)Kc with extracted license key Kc to produce plaintext music data...

... signals for applying them to mixing unit 1510 (step S230).

Digital-to-analog converter 1512 receives and converts the data applied from mixing unit 1510 to output externally the reproduced music. Thereby, the processing ends...

... processing for transferring or duplicating music data, key data or the like between two memory cards.

It is assumed that cellular phone 102 is a sender, and cellular phone 100 is a receiver. It is also assumed that memory card 112 having a structure similar to that of memory card 110 is attached to cellular phone 102.

Cellular phone 102 first outputs a transfer request...

16/3,K/6 (Item 6 from file: 348)

DI ALCO R) File 348: EUROPEAN PATENTS

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01251896

Method and apparatus for gathering vehicle information
Verfahren und Vorrichtung zum Sammeln von Fahrzeuginformation
Procédé et appareil de collecte d'information d'un véhicule

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 1081670 A2 010307 (Basic)

EP 1081670 A3 021127

APPLICANT (CC, No, Date): EP 2000307462 000830;

PRIORITY (CC, No, Date): JP 99245203 990831

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; PQ; SI

INTERNATIONAL PATENT CLASS (V7): G08G 001/127; G07C 005/00

ABSTRACT WORD COUNT: 185

NOTE:

Figure number on first page: 1

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLASS A (English) 200110 1880

SPEC A (English) 200110 8834

Total word count - document A 10714

Total word count - document B 0

Total word count - documents A + B 10714

Method and apparatus for gathering vehicle information

... ABSTRACT A2

A central vehicle -information management center gathers individual pieces of information on the state of a vehicle on a real-time manner by: acquiring and gathering pieces of information on the position of the vehicle from a reflection signal reflected by an artificial satellite as a result of reflection of a position signal transmitted by an antenna provided on the vehicle to the artificial satellite; and acquiring and gathering a signal reflected by the artificial satellite...

... a result of reflection of a signal used for representing information on control of the vehicle or information on conditions of vehicle parts and transmitted from the antenna to the artificial satellite or transmitted by the vehicle through a wireless-communication apparatus such as a DSRC (Dedicated Short Range Communication) device or a cellular phone. As a result, with such a central vehicle -information management center, it is possible to provide a method and an apparatus, which can be used for gathering information on a vehicle and capable of continuously collecting detailed information on the present state of a vehicle with a high degree of reliability and in a real-time manner.

... SPECIFICATION 35 produces information to be transmitted, outputting the information to the transmission and reception control circuit 33, which carries out necessary processing such as a decryption process on the information to be transmitted. The information to be transmitted is then modulated in the modulation and demodulation circuit 32 before being supplied to the antenna 3 for transmission by way of the transmission and reception circuit 31.

The card reader and writer 7 reads out information from the user dedicated card 8, and supplies the information to the CPU 35 by way of a read and...

... the read and write control circuit 36, which writes the data into the user dedicated card 8 by way of the card reader and writer 7.

The user operates an input/output unit 38 to give a command...

16/3, K/9 (Item 9 from file: 348)

DI ALCO R) File 348: EUROPEAN PATENTS

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01235681

COMMUNICATION METHOD, COMMUNICATION SYSTEM AND ELECTRONIC DEVICE
KOMMUNIKATIONSVORFAHREN UND SYSTEM UND ELEKTRONISCHE VORRICHTUNG
PROCEDURE DE COMMUNICATION, SYSTEME DE COMMUNICATION ET DISPOSITIF
ELECTRONIQUE

PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

Iijima, Yuko Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
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LEGAL REPRESENTATIVE:

DeVile, Jonathan Mark et al (91151), D. Young & Co 21 New Fetter Lane,
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PATENT (CC, No, Kind, Date): EP 1098494 A1 010509 (Basic)

WO 0072551 001130

APPLICATI ON (CC, No, Date): EP 925631 000511; WO 00JP3034 000511

PRIORI TY (CC, No, Date): JP 99138962 990519

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): H04L-029/08

ABSTRACT WORD COUNT: 82

NOTE:

Figure number on first page: 0001

LANGUAGE (Publication, Procedural, Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200119	1103
SPEC A	(English)	200119	13609
Total word count - document A			14712
Total word count - document B			0
Total word count - documents A + B			14712

... ABSTRACT A1

When communication is performed between devices connected through a bus line in which plural types of communication speeds exist, after a predetermined packet is received by a specific device on the bus line, a communication speed of a response packet transmitted to a transmission source of the...

...can be effectively utilized by taking advantage of capabilities of the devices connected to the bus line.

... SPECIFICATION The received signal obtained by the tuner 101 is supplied to a descramble circuit 102.

The descramble circuit 102 extracts only multiplexed data on a contracted channel (or a channel which is not coded) of received data on the basis of code key information of a contracted channel stored in an IC card (not shown) inserted into the body of the receiver 100 to supply the multiplexed data to a demultiplexer 103.

The demultiplexer 103 rearranges supplied multiplexed data by channel, extracts only...

16/3, K/12 (Item 12 from file: 348)

DI ALCO (P) File 348: EUROPEAN PATENTS

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00962881

Data transmitting and/or receiving apparatus, methods and systems for preventing illegal use of data
Datenübertragungs- und/oder Empfangsvorrichtung, Verfahren und Systeme zum Schutz vor der illegalen Benutzung von Daten
Dispositif de transmission et/ou de réception de données, procédés et systèmes pour empêcher une utilisation illégale des données

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 874503 A2 981028 (Basic)

EP 874503 A3 990825

EP 874503 B1 051116

APPLICATION (CC, No, Date): EP 98303004 980420;

PRIORITY (CC, No, Date): JP 97106105 970423

DESIGNATED STATES: DE; FR; GB; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; PQ; SI

INTERNATIONAL PATENT CLASS (V): H04L-029/06; G11B-020/00

ABSTRACT WORD COUNT: 154

NOTE:

Figure number on first page: 2

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABLE:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199844	962
CLAIMS B	(English)	200546	973
CLAIMS B	(German)	200546	861
CLAIMS B	(French)	200546	1216
SPEC A	(English)	199844	3982
SPEC B	(English)	200546	4390

Total word count - document A 4945
Total word count - document B 7440
Total word count - documents A + B 12385

... ABSTRACT A2

Data to be transmitted via a serial bus (5) in conformity with the IEEE 1394 protocol are ciphered by a ciphering/deciphering circuit...

... SPECIFICATION input data from the recording/reproducing circuit 42 under control of the cipher/decipher control circuit 25, and then outputs the ciphered data to the header sync detecting/generating circuit 23...

... cassette 43 and, after demodulating the reproduced data, outputs the same to the ciphering/deciphering circuit 24.

Fig. 3 shows the timing of data transmitted to the 1394 bus 5.

Suppose now that, for example, the digital video cassette recorder 1 reproduces the data from the video cassette 43 and transmits the reproduced data to the television receiver 2. It is also supposed here that the DVD player 4 transmits the data, which have been reproduced from a loaded DVD (disk), to the personal computer 3 via the 1394 bus 5. In this example, it is...

... A is reproduced from the video cassette 43 and is outputted from the digital video cassette recorder 1, while a signal stream B is reproduced from the DVD and is outputted from the DVD player 4.

Suppose now that the cycle master of the 1394 bus 5 is the digital video cassette recorder 1 for example. In this case, the CPU 41 controls the transmission/reception switching...

... SPECIFICATION input data from the recording/reproducing circuit 42 under control of the cipher/decipher control circuit 25, and then outputs the ciphered data to the header sync detecting/generating circuit 23...

... cassette 43 and, after demodulating the reproduced data, outputs the same to the ciphering/deciphering circuit 24.

Fig. 3 shows the timing of data transmitted to the 1394 bus 5.

Suppose now that, for example, the digital video cassette recorder 1 reproduces the data from the video cassette 43 and transmits the reproduced data to the television receiver 2. It is also supposed here that the DVD player 4 transmits the data, which have been reproduced from a loaded DVD (disk), to the personal computer 3 via the 1394 bus 5. In this example, it is...

... A is reproduced from the video cassette 43 and is outputted from the digital video cassette recorder 1, while a signal stream B is reproduced from the DVD and is outputted from the DVD player 4.

Suppose now that the cycle master of the 1394 bus 5 is the digital video cassette recorder 1 for example. In this case, the CPU 41 controls the transmission/reception switching...

16/3, K/13 (Item 13 from file: 349)

DI ALCO R) File 349: PCT FULLTEXT

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00994068 **Image available**

APPARATUS FOR MONITORING OF DVD/CD USAGE AND TARGETED DVD/CD SALES UTILIZING A SET TOP WITH DVD/CD CAPABILITY
APPAREIL SERVANT À CONTRÔLER L'UTILISATION D'UN DVD/CD, ET VENTES CIBLÉES DE DVD/CD METTANT EN ŒUVRE UN COFFRET D'ADAPTATION AVEC FONCTION DVD/CD.

Patent Applicant/Assignee:

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Legal Representative:

VOLPE Anthony S (et al) (agent), Volpe and Koenig, P.C., Suite 400, One Penn Center, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200324100 A1 20030320 (WO 0324100)

Application: WO 2002US28816 20020911 (PCT/ WO US0228816)
Priority Application: US 2001951053 20010912
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(CA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 3922

Fulltext Availability:
Claims

English Abstract

...receive and record encrypted premium content from the head-end (18),
avoiding the need to ship DVDs/CDs and the attendant costs.

Claim

... said selected premium content to the subscriber's set-top; said
set-top including a **decrypter** for **decrypting** the selected premium
content; said set-top including a **writeable CD unit** for burning the
decrypted selected premium content **received** from the head-end into a
blank CD placed into the writeable CD unit.

15 A method for obtaining DVDs/CDs in a cable system in which a
subscriber is provided with a set-top and a **DVD/CD player** coupled
to the set-top which communicates with a head-end having a controller and
...

16/3, K/14 (Item 14 from file: 349)
DI ALCOG R) File 349: PCT FULLTEXT
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00967913 **Image available**

MEDIA SERVER

DISPOSITIF ET PROCEDURE D'ACHEMINEMENT DE TRAINS DE DONNEES MULTIPLES

Patent Applicant/Assignee:

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94088-3453, US, US (Residence), US (Nationality)

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 2002102014 A2-A3 20021219 (WO 02102014)

Priority Application: WO 2002US8678 20020321 (PCT/ WO US0208678)

Priority Application: US 2001879256 20010611

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(CA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 7275

DISPOSITIF ET PROCÉDE D'ACHEMÈNEMENT DE TRAINS DE DONNÉES MULTIPLES

Patent and Priority Information (Country, Number, Date):

Patent: ... 20021219

Fulltext Availability:

Detailed Description

French Abstract

... un réseau public tel qu'Internet. Le dispositif selon la présente invention reçoit de multiples trains de données, les traite conformément à leurs protocoles de formatage respectifs (qu'il s'agisse d'un train analogique (202A), d'un train à transport MPEG ou d'un train TCP/IP (202C), par exemple), dont des protocoles à accès conditionnel, et des trains de données traitées, dans un train de transport multiplexe jusqu'au dispositif de présentation de l'utilisateur via un « gros » tube tel qu'un bus FireWire^{sup}™ bus. Une mince interface client decode les données transmises au dispositif de présentation correspondant.

Publication Year: 2002

Detailed Description

... on expiry of a users subscription. Communication between controlled access interface 210 and the smart card, or similar device, may be mediated by controlled access I/O reader 212. The descrambled PES is returned the multiplexer unit 206. Switching logic (not shown in FIGURE 2) within the demultiplexer unit 206 transfer the PES to multiplexer 214. Additionally, demultiplexer unit 206 may transfer clear PESs, as well as TCP/IP packets received from corresponding interface cards 202B to multiplexer 214. Digital data received in the

16/3, K/15 (Item 15 from file: 349)

DI ALCG R/ File 349: PCT FULLTEXT

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00961541 **Image available**

CARD READER, AND SETTLEMENT AND AUTHENTICATION SYSTEM USING THE CARD READER
LECTEUR DE CARTE ET SYSTEME DE RELEVEMENT ET D'AUTHENTIFICATION UTILISANT CE
LECTEUR DE CARTE

Patent Applicant/Assignee:

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151-835 Seoul, KR, KR (Residence), KR (Nationality), (For all
designated states except: US)

Patent Applicant/Inventor:

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Seoul, KR, KR (Residence), KR (Nationality), (Designated only for: US)

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200295670 A1 20021128 (WO 0295670)

Application: WO 2002KR980 20020523 (PCT/WO KR0200980)

Priority Application: KR 200128390 20010523

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CJ CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX NZ NO NZ OM PH PL PT RO RU SD SE SG SI SK
SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: Korean

Fulltext Word Count: 5022

Patent and Priority Information (Country, Number, Date):

Patent: ... 20021128

Fulltext Availability:

Detailed Description

Claims

English Abstract

...e.g., a PC, and the agency terminal provides the user number provided by the card reader to the settlement/authentication system on the network so as to request a transaction..

Publication Year: 2002

Detailed Description

... the generated user number to the agency number.

The user number is used once.

The card reader further comprises a display for displaying the user number generated by the processor; and a...

...the pseudo number read by the IC card when the password output by the input unit is matched with the password stored in the memory.

The pseudo number read by the IC card is encrypted, and the processor decrypts the read pseudo number and combines the decrypted pseudo number with the subsequently input password to generate a user number.

The agency terminal is a communication device for providing the user number transmitted through the data port to a settlement and authentication system through a network so as to settle and provided by a card reader comprises: a database for storing a plurality of user numbers for each card number usable by a buyer; and a processor for receiving a user number from...

Claim

... of the password input through the input unit and the pseudo number output from the reader; and a data port for selectively transmitting the generated user number to the agency number user number is used once.

3 The card reader of claim 1, further comprising a display for displaying the user number generated by the processor.

4 The card reader of claim 1, wherein the card reader further comprises a memory for storing a password for using the IC card, and the processor generates a user number on the basis of the password output by the input unit and the pseudo number read by the IC card when the password output by the input unit is matched with the password stored in the memory.

5 The card reader of claim 1, wherein the pseudo number read by the IC card is encrypted, and the processor decrypts the read pseudo number, and combines the decrypted pseudo number with the subsequently input password to generate a user number.

6 The card reader of claim 1, wherein the agency terminal is a communication device for providing the user card reader, comprising: a database for storing a plurality of user numbers for each card number usable by a buyer; and a processor for receiving a user number from the...

16/3, K/16 (Item 16 from file: 349)
DI ALCO R) File 349: PCT FULLTEXT
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00911143 **Image available**

THRESHOLD CRYPTOGRAPHY SCHEME FOR CONDITIONAL ACCESS SYSTEMS

SCHEMA CRYPTOGRAPHIQUE A SEUIL DESTINE A DES SYSTEMES A ACCES CONDITIONNEL

Patent Applicant/Assignee:

THOMSON LICENSING S.A., 46, quai A. Le Gall, F-92648 Boulogne Cedex, FR,
FR (Residence), FR (Nationality), (For all designated states except:
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Patent Applicant/Inventor:

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US)

Legal Representative:

TRI PCL Joseph S (et al) (agent), Thomson Multimedia Licensing, Inc.,
P.O. Box 5312, Princeton, NJ 08540, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200245337 A2-A3 20020606 (WO 0245337)

Application: WO 2001US29790 20010924 (PCT/ WO US0129790)

Priority Application: US 2000253781 20001129

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(CA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6105

Patent and Priority Information (Country, Number, Date):

Patent: ... 20020606

Fulltext Availability:

Claims

English Abstract

... said scrambling key comprises calculating the Y-intercept of the line
formed on said Euclidean plane by said first, and said at least one
additional share.

Publication Year: 2002

Claim

... said at least two additional shares being stored in a smart card of
the digital device; and descrambling the signal using said
constructed scrambling key to provide a descrambled signal.

19 A conditional access system comprising:

a transmitter; and,

a receiver including at least one smart card for receiving a
scrambled signal and a first

share transmitted by the transmitter,

wherein said at least one smart card includes second and third shares...

16/3, K/17 (Item 17 from file: 349)

DIALCQ R File 349: PCT FULLTEXT

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00759977 **Image available**

THEFT PROTECTION DEVICE

DISPOSITIF ANTI VOL

Patent Applicant/Inventor:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200073106 A1 20001207 (WO 0073106)

Application: WO 99BE66 19990526 (PCT/ WO BE9900066)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ
(utility model) DE DE (utility model) DK DK (utility model) EE EE
(utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT UA UG US UZ VN YU ZA
ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(CA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7056

Patent and Priority Information (Country, Number, Date):

Patent: ... 20001207

Fulltext Availability:

Detailed Description

English Abstract

A theft protection device is disclosed for a key operated motorised vehicle having a vehicle operation management system. The theft protection device comprises a key receiving unit connected to said vehicle operation management system a first key provided for cooperating with said key receiving unit for enabling operation of said vehicle; and a control unit provided for receiving a series of condition parameters, comparing each condition...
... state value, said control unit comprising an output for supplying said inhibit signal to said vehicle. The control unit is provided in said first key. The key receiving unit is provided for receiving said inhibit signal and transmitting said inhibit signal to said vehicle operation management system. The theft protection device further comprises an initialisation unit provided for generating...

Publication Year: 2000

Detailed Description

... for supplying the key ID to the serial interface. This is required to perform the decryption.

The initialisation unit 40 comprises a receiver 41 and a transmitter 42 provided for communicating with the control...

...the

initialisation unit 40 and the control unit 20 can occur by means of electromagnetic signals. The transmitter 41 and receiver 42 are connected to an encryption/decryption unit 43, which is in turn connected to...

...a bus 45 to a RAM

46, a ROM 47, a microprocessor 48, a chip card reader 49 and a user interface 50.

The second key 60, in particular a chip card, is dedicated to the first key. This signifies that the first key can only be...

16/3, K/18 (Item 18 from file: 349)

DI ALCO R/ File 349: PCT FULLTEXT

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00742619 **Image available**

ENCRYPTION DEVICE

MACHINE CIPHER

Patent Applicant/Assignee:

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(Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Nationality), (Designated only for: US)

OLSSON Jorgen, Ehrensvarsgatan 20, S-212 13 Malmö, SE, SE (Residence),

SE (Nationality), (Designated only for: US)
 ERI KSSON Roger, Hårupskroken 8, S-245 62 Hårup, SE, SE (Residence), SE
 (Nationality), (Designated only for: US)
 LINDE Ove, Ringvæn 6, S-247 32 Søndra Sandby, SE, SE (Residence), SE
 (Nationality), (Designated only for: US)
 Legal Representative:
 STROM Tore, Strom & Gulliksson AB, P.O. Box 4188, S-203 13 Malmö, SE
 Patent and Priority Information (Country, Number, Date):
 Patent: WO 200056000 A1 **20000921** (WO 0056000)
 Application: WO 2000SE475 20000310 (PCT/WO SE0000475)
 Priority Application: SE 99887 19990312
 Designated States:
 (Protection type is "patent" unless otherwise stated - for applications
 prior to 2004)
 AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CJ CZ DE DK EE ES FI GB GD GE
 GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
 MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN
 YU ZA ZW
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
 (AP) GH GM KE LS MW SD SL SZ TZ UG ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM
 Publication Language: English
 Filing Language: Swedish
 Fulltext Word Count: 3086

Patent and Priority Information (Country, Number, Date):
 Patent: ... **20000921**
 Fulltext Availability:
 Detailed Description

English Abstract

...card part (2) comprises encryption means (10) for encryption of data
 on the PC-card bus (11, 12) and the data output (4) is operatively
 connected to a connection means for...

French Abstract

...ordinateur (2) comporte des moyens de chiffrement (10) permettant le
 chiffrement des données sur le bus (11, 12) de la carte de
 micro-ordinateur. En outre, la sortie de données (4...
 Publication Year: **2000**

Detailed Description

... encryption means. Then, the encrypted message is transmitted to
 the computer of the authorized receiver via the input bus
 12, the data output 4, and the modem 8 placed in the card
 slot of the encryption device and its PCMCIA-bus 121.
 In order to decode or...
 ...9 therefore has to operate both as a trans-
 mitter and a receiver of encrypted information. Therefore,
 the encryption device 1 according to the invention also
 comprises decryption means 14 for decryption of received
 data from its external PC-card 8. During decryption, the
 data output 4 operates as input...
 ...as output for decrypted data.
 After a completed session, the user takes out his
 active card 6 from the card reader/writer 5. All secret
 information is stored on the card, and the encryption de-
 vice 2 automatically deletes internal memory circuits in
 the encryption means 10 and the decryption means 14 after
 the card has been removed from the reader. This implies
 that the key always has to be loaded after the active card
 has been removed from the card reader/writer 5 or that the
 computer has been turned off. Since the encryption device 1...

DI ALQ R) File 349: PCT FULLTEXT
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00566984 **Image available**
APPARATUS FOR DIGITAL TELEVISION SIGNAL ON A DIGITAL STORAGE MEDIUM
APPAREIL DE RECEPTION D'UN SIGNAL DE TELEVISION NUMERIQUE DANS UNE MEMOIRE
NUMERIQUE

Patent Applicant / Assignee:
THOMSON CONSUMER ELECTRONICS INC,
COOPER Jeffrey Allen,
HORLANDER Thomas Edward,
RICH Michael D,
SETTLE Timothy Forrest,
SCHULTZ Mark Alan,

Inventor(s):
COOPER Jeffrey Allen,
HORLANDER Thomas Edward,
RICH Michael D,
SETTLE Timothy Forrest,
SCHULTZ Mark Alan,

Patent and Priority Information (Country, Number, Date):
Patent: VO 200030357 A1 20000525 (VO 0030357)
Application: VO 99US26925 19991112 (PCT/VO US9926925)
Priority Application: US 98108233 19981113

Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English
Fulltext Word Count: 7477

Patent and Priority Information (Country, Number, Date):
Patent: ... 20000525
Fulltext Availability:
Detailed Description

French Abstract
L'invention concerne un appareil qui reçoit un **train** binaire numérique
contenant plusieurs paquets de données, chaque paquet de données étant
formaté conformément à...
Publication Year: 2000

Detailed Description
... a single disc to suit the preferences of the viewer.

Fig. 1 illustrates a conventional **DVD** player that provides an output
signal to a television **receiver** adapted to process analog video
signals. Generally, **disc player** 24 comprises motor and pickup
assembly 26 which, under the control of servo processor 29, spins the
disc and reads the information stored thereon. Preamp 27 and DVD data
processing unit 28 translate...

...assembly 26 into digital data that can be further processed by digital
audio/video decoder unit 30. DVD data processing unit 28 typically
performs functions such as demodulation, error correction and
descrambling of the raw data read from the disc so that the data is in a
suitable format for decoder unit 30.

1
Decoder unit 30 receives the demodulated, error corrected and
descrambled data, processes the data, and **provides** the appropriate
video and audio signals to a suitable display unit. Decoder unit 30
comprises data stream demultiplexer 32 which demultiplexes...

16/3, K/20 (Item 20 from file: 349)
DI ALQ R) File 349: PCT FULLTEXT

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00509368 **Image available**

DIGITAL BASEBAND INTERFACE FOR A DVD PLAYER

INTERFACE NUMERIQUE EN BANDE DE BASE POUR LECTEUR DE DVD

Patent Applicant/Assignee:

THOMSON CONSUMER ELECTRONICS INC.

STAHL Thomas A.

Inventor(s):

STAHL Thomas A.

Patent and Priority Information (Country, Number, Date):

Patent: WO 9940720 A1 19990812

Application: WO 99US2498 19990204 (PCT/ WO US9902498)

Priority Application: US 9873696 19980204

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA US UZ VN YU
ZW ZH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE
DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG

Publication Language: English

Fulltext Word Count: 4379

Patent and Priority Information (Country, Number, Date):

Patent: ... 19990812

Fulltext Availability:

Detailed Description

English Abstract

...such as a digital video disc player and a digital television interconnected via a digital bus is provided. This interoperability is based on the IEEE 1394 serial bus for the physical and link layers and makes use of AV/C or CAL as...

...bit-mapped on-screen display (OSD) format via an asynchronous channel of the interconnecting serial bus.

French Abstract

...interoperabilite de dispositifs numeriques du type lecteur de DVD et televiseur numerique relies via un bus numerique. Ladite interoperabilite repose sur le bus serie IEEE 1384 pour les couches physique et liaison, faisant appel au langage de commande... au format d'affichage sur ecran pixel par le biais d'une voie asynchrone du bus serie d'interconnexion.

Publication Year: 1999

Detailed Description

... one of ordinary skill in the art and will not be discussed in detail here. Disc player 24 comprises motor and pickup assembly 26 which, under the control of servo processor 29, spins the disc and reads the information stored thereon. Preamp 27 and DVD data processing unit 28 translate...

...can be further processed by digital audio/video decoder unit 30. DVD data to processing unit 28 typically performs functions such as demodulation, error correction and descrambling of the raw data... an audio stream and a subpicture stream and provides the data streams to their respective data decoders. Video decoder 31 receives the video stream and provides a video signal to mixer 33. Subpicture decoder 34 receives the subpicture stream and provides data to on... appropriate audio signals to an audio system

Microcontroller 40 controls the operation of digital video disc player

24. Microcontroller 40 is coupled to user control device 37, which may comprise IR remote...

16/3, K/21 (Item 21 from file: 349)
DI ALCO (R) File 349: PCT FULLTEXT
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00421225: **Image available**
COMBINED DIGITAL AUDIO VIDEO ON DEMAND AND BROADCAST DISTRIBUTION SYSTEM
SYSTEME NUMERIQUE COMBINE D'AUDIO VIDEO A LA DEMANDE ET DE RADIO DIFFUSION
Patent Applicant / Assigne: SONY TRANS COMM INC,

TROXEL Robert,
WAKAI Bruce M,
BOOTH Marc,
TAKATA Kaz,
EVENSEN Karen,
NI NH Loi,

Inventor(s):
TROXEL Robert,
WAKAI Bruce M,
BOOTH Marc,
TAKATA Kaz,
EVENSEN Karen,
NI NH Loi,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9811686 A2 19980319
Application: WO 97US15759 19970908 (PCT/ WO US9715759)
Priority Application: US 96714772 19960916

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU ZH ZI ZJ ZK ZL
UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU
MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English
Fulltext Word Count: 15246

Patent and Priority Information (Country, Number, Date):

Patent: ... 19980319

Fulltext Availability:
Detailed Description

English Abstract

...manager unit and attendant control panel. The in-flight entertainment system is coupled to an aircraft's existing systems through the system interface unit and the system manager unit. The components...

...used to carry the data. The second digital network is preferably an IEEE 1394 serial bus network. The zone bridge units control all communications between the networks, converting all communications into...

...to the video on demand system or as an alternative subsystem in zones of the aircraft in which there are passenger control sets with less than full capability. A first audio...

French Abstract

...reseau numerique servant a etabli une communication entre des composants d'un systeme tete de bus, lequel comprend un serveur de donnees, une unite de commande media, un ou plusieurs serveurs...

...interface de systeme et l' unite gestionnaire de systeme. Les composants du systeme tete de bus sont tous couples a un commutateur de reseau de facon a acheminer des donnees dans...

...utilisees pour transporter les donnees. Le second reseau numerique est de preference un reseau a bus en serie IEEE 1394. Les unites passerelles zonales commandent toutes les communications entre les reseau...

Publication Year: 1998

Detailed Description

... of input/output devices 112, including a display, a keyboard, a printer and a credit card reader. For purposes of this document, the term credit card reader will be understood to include smart card reader where appropriate. The system manager unit 114 provides the interface to the attendant control... drive.

Content data for the video on demand system is loaded through the system manager unit 114 and decrypted before being stored on the appropriate one of either the data server 102, the media controller 104 and the media servers 106 and 108.

Data is provided to and extracted from the system through this computer. The system manager unit 114 also...

16/3, K/24 (Item 24 from file: 349)

DI ALCO R) File 349: PCT FULLTEXT

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00304645

METHOD AND APPARATUS FOR RETRIEVING SECURE INFORMATION FROM A CD-ROM

DATABASE

PROCEDE ET APPAREIL D'EXTRACTION D'INFORMATIONS PROTEGEES D'UNE BASE DE DONNEES CD-ROM

Patent Applicant/Assignee:

INFOSAFE SYSTEMS INC.

Inventor(s):

NAGEL Robert,

LIPSCOMB Thomas H.

Patent and Priority Information (Country, Number, Date):

Patent: WO 9522796 A1 19950824

Application: WO 95US2072 19950209 (PCT/ WO US9502072)

Priority Application: US 94198733 19940218

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR

KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SI SK TJ TT

UA UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

BF BJ CF CG CI CM GA GN ML NE SN TD TG

Publication Language: English

Fulltext Word Count: 4150

Patent and Priority Information (Country, Number, Date):

Patent: ... 19950824

Fulltext Availability:

Detailed Description

English Abstract

... personal computer or "host computer" and a CD-ROM reader are arranged on an SCSI bus. A "decryption controller", in a separate enclosure outside of the host computer, is also arranged on the SCSI bus. This controller is addressable by the host computer as if it were the CD-ROM ...

French Abstract

... ordinateur personnel ou un ordinateur central et un lecteur CD-ROM sont instalés sur un bus d'interface de petit systeme informatique (SCSI). Un controleur de decryptage prevu dans une enceinte separee situee a l'exterieur de l'ordinateur central est egalement installe sur un bus SCSI. Ce controleur est adressable par l'ordinateur central comme s'il etait le lecteur...

Publication Year: 1995

Detailed Description

... in one or two enclosures

-- e.g., the PC 10 in one enclosure and the CD-ROM reader 12 and controller 14 in another -- are connected in a well known manner to a...

...bus 16 via a bus interface and controller 18.

. The personal computer 10 and the CD-ROM reader 12 are conventional devices which are available commercially. The decryption controller is a special purpose device which operates to receive encrypted data from the CD-ROM reader, decrypt this data if authorized to do so, and transport the decrypted data to the host...

...controller also keeps a running account of the identity of, and charge for each information packet which is decrypted for later transmission, e.g. by telephone line, to a central billing facility at a remote site, A...

...its own

enclosure, separate and apart from the personal computer 10 and possibly also the CD-ROM reader 12. To safeguard the firmware and codes which are used by the electronic circuitry, the opened,

Fig. 2 shows a preferred embodiment of the decryption controller. This device is connected to the SCSI bus 16 via receptacles 20 and a fifty pin header 22. The SCSI bus controller 18 operates in conjunction with a CPU 24 to receive requests for data from the host computer 10 and initiate requests for this data from the CD-ROM reader 12. The device is provided with its own separate power supply 26 so that it...

27/3, K/1 (Item 1 from file: 348)
DIALOG File 348: EUROPEAN PATENTS
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00988810

SECURITY CHECK PROVISION
VORRICHTUNG ZUR SICHERHEITSPRÜFUNG
CONTROLE DE SÉCURITÉ

PATENT ASSIGNEE:

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INVENTOR:

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Suffolk IP5 2GR, (GB)

SEAL, Christopher, Henry, 12 California, Woodbridge, Suffolk IP12 4DE, (GB)

McARTNEY, David, John, 5 South Close, Ipswich, Suffolk IP4 2TH, (GB)

LEGAL REPRESENTATIVE:

Lloyd, Barry George William et al (42973), BT Group Legal Intellectual Property Department, PP C5A BT Centre 81 Newgate Street, London EC1A 7AJ, (GB)

PATENT (CC, No, Kind, Date): EP 966729 A1 991229 (Basic)

EP 966729 B1 050525

WO 1998039740 980911

APPLICATION (CC, No, Date): EP 89908207 980302; WO 98GB638 980302

PRIORITY (CC, No, Date): EP 97301383 970303

DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IT; LI; NL

INTERNATIONAL PATENT CLASS (V7): G07C-009/00; G06F-001/00; G07F-007/10

NOTE:

No A-document published by EPO

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS B (English) 200521 1111

CLAIMS B (German) 200521 997

CLAIMS B (French) 200521 1351

SPEC B (English) 200521 7021

Total word count - document A 0

Total word count - document B 10480

Total word count - documents A + B 10480

... SPECIFICATION of data is illustrated using thin arrows. The databus 60 is connected via an encryption/ decryption module 63 to a network interface 62 which enables the transfer of signals to and from the X25 network 50.

As mentioned above, the magnetic strips on the...

... code and the corresponding account numbers stored thereon. The point-of-sale device comprises a card reader 64 which is operable to read the data on the card and place it on the databus where it can be decrypted by the encryption/ decryption module 63. The additional components also comprise a charge coupled device (CCD) camera 66 having an auto-focus mechanism which is operable to capture, in digital form, an image of the user...

... it onto the databus 60. If desired, the auto-focus mechanism can be overridden by sending a signal to the focal length control unit 68 included within the camera 66. The focal length...

27/3, K/4 (Item 4 from file: 348)
DIALOG File 348: EUROPEAN PATENTS
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01466944

Reception terminal, key management apparatus, and key updating method for public key cryptosystem

Empfangsengerät, Vorrichtung zum Schlüsselverwaltung und Verfahren zum

Anpassen eines Schlüssels für ein Public-key Verschlüsselungssystem

Terminal de réception, appareil pour la gestion de clés, et méthode pour la mise à jour de clés pour un système cryptographique à clé publique

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma,
Kadoma-shi, Osaka 571-8501, (JP), (Applicant designated States: all)

INVENTOR:

Yokota, Kaoru, 3-9-202, Shinnozuka-cho, Ashiya-shi, Hyogo-ken 659-0016,
(JP)
Tatebayashi, Makoto, 1-16-21, Mefu, Takarazuka-shi, Hyogo-ken 665-0852,
(JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)
Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1249964 A2 021016 (Basic)

EP 1249964 A3 040107

EP 2002008029 020410;

PRIORITY (CC, No, Date): JP 200113667 010412

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04L-009/30; G11B-020/00; H04L-009/08

ABSTRACT WORD COUNT: 146

NOTE:

Figure number on first page: 1

LANGUAGE (Publication, Procedural, Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200242	2445
SPEC A	(English)	200242	11152
Total word count - document A			13597
Total word count - document B			0
Total word count - documents A + B			13597

... SPECIFICATION unit 245 of the key management center registers the
distribution public key for the certain DVD player 220 with the
distribution public key database 247 (step S48).

The IC card recording unit 214 of the device maker receives from the
transmission unit 244 the encrypted secret key for the certain DVD
player 220 on which a digital signature is placed, records the encrypted
secret key onto an IC card 230, and ships the IC card 230 together
with the certain DVD player 220 (step S49).

FIG. 8 is a flowchart showing the procedure of producing a DVD disc

Now, the procedure of producing a DVD disc will be described with
reference to FIG. 8.

... CLAIMS secret key by replacing the IC card having been used so far with
the new IC card.

8. A reception terminal for restoring certain data by decrypting
encrypted certain data distributed from a distribution station, using
a distribution secret key unique to...

27/3, K/5 (Item 5 from file: 348)

DIALOG File 348: EUROPEAN PATENTS

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01233557

Digital data recording device, digital data memory device, and digital data
utilizing device that produce problem reports

Digital Datenaufzeichnungsvorrichtung, digitale Datenspeichervorrichtung und,
und digitale Datenbenutzungsvorrichtung die Problemberichte erzeugen

Dispositif d'enregistrement de données numériques, dispositif de mémoire de
données numériques, et dispositif d'utilisation de données numériques
qui produit des rapports des problèmes

PATENT ASSIGNEE:

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Oho, Takatoshi, Shiunso 2-201, Azaobuchi 53-2, Oaza Jimokui,

Jimokui-cho, Atsuta-gun Aichi-ken 490-1111, (JP)

LEGAL REPRESENTATIVE:

Butcher, Ian James et al (79251), A.A. Thornton & Co. 235 High Holborn,
 London WC1V 7LE, (GB)
 PATENT (CC, No, Kind, Date): EP 1069564 A2 010117 (Basic)
 EP 1069564 A3 020821
 APPLI CATION (CC, No, Date): EP 2000305795 000710;
 PRI ORITY (CC, No, Date): JP 99201213 990715
 DESIGNATED STATES: DE; FR; GB; IT
 EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
 INTERNATIONAL PATENT CLASS (V7): G1B-020/00
 ABSTRACT WORD COUNT: 95
 NOTE:

Figure number on first page: 1

LANGUAGE (Publication, Procedural, Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200103	2916
SPEC A	(English)	200103	14887
Total word count - document A			17803
Total word count - document B			0
Total word count - documents A + B			17803

... SPECIFICATION and the vibrator 214 are both silent, they are particularly effective for use inside a train or in a dark place.
 Various combinations of the above notification means (1)(equivalent to

... notify a cause of a problem to the user in a manner similar to the player 140, when recording music data which has been downloaded by a personal computer via the internet, onto the memory card 120.
 Here, if the recorder 100 does not have the notification means (1)(equivalent to) (5) like the player 140, the recorder 100 can pass a problem report to the personal computer so that...

... CLAIMS information has been encrypted in such a manner that the encrypted management information can be decrypted based on a device ID uniquely given to the digital data intelligent memory device,

wherein the digital data utilizing device further comprises device ID acquiring means for acquiring the device ID from the digital data intelligent memory device connected with the digital data utilizing device,

wherein the management information decrypting means decrypts the encrypted management information received by the receiving means, based on the device ID acquired by the device ID acquiring means, and

wherein the reason determining means determines... whether there is a right to duplicate the digital content,

wherein the utilizing means further includes operation type judging means for judging whether the user instructs the duplication of the digital...

27/3, K/6 (Item 6 from file: 349)

DI ALG R) File 349: PCT FULLTEXT

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01135532 **Image available**
 METHOD AND APPARATUS FOR ACCESS CONTROL IN AN OVERLAPPING MULTI SERVER NETWORK ENVIRONMENT
 PROCEDE ET APPAREIL DE CONTROLE D'ACCES DANS UN ENVIRONNEMENT RESEAU MULTI SERVEUR DE CHEVAUCHEMENT

Patent Applicant/Assignee:

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 Legal Representative:
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 New York, NY 10151, US,
 Patent and Priority Information (Country, Number, Date):
 Patent: WO 200457872 A1 20040708 (WO 0457872)
 Application: WO 2003US40396 20031216 (PCT/ WO US03040396)
 Priority Application: US 2002434774 20021217; US 2003471823 20030520; US
 2003687357 20031015; US 2003686954 20031015; US 2003686955 20031015; US
 2003686686 20031015; US 2003686956 20031015
 Designated States:
 (Protection type is "patent" unless otherwise stated - for applications
 prior to 2004)
 AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RU RJ SC SD SE
 SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
 (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
 SI SK TR
 (OA) BF BF CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 (AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM
 Publication Language: English
 Filing Language: English
 Fulltext Word Count: 32443

Fulltext Availability:
 Detailed Description
 Claims

Detailed Description

... a compliant portable storage device 130 (e.g., a removable memory
 card) to the car 120. Jim moves the discrete version of the song Y
 from the car 120 to portable storage 130 (indicated by the "Y" label
 removed from the car 120 and added to the portable storage 130) and
 connects the portable storage 130 to a portable music player 135.
 The portable music player 135 is a compliant device and is not a member
 of a hub network, but...

Claim

... client to said server;
 wherein said compliance information indicates that said client is a
 compliant
 device, and
 a compliant device will not decrypt locked content data without a
 license that is bound to a hub network of which the compliant device is a
 member.

44 The method of claim 39, further comprising:

sending authorization information from said client to said server;
 wherein said authorization information indicates said client is in...

27/3, K/7 (Item 7 from file: 349)
 DI ALCO R/ File 349: PCT FULLTEXT
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01062005 **Image available**
 AIRCRAFT DATA COMMUNICATION SYSTEM AND METHOD
 SYSTEME ET PROCEDE DE COMMUNICATION DE DONNEES D' AERONEF

Patent Applicant/Assignee:
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 Inventor(s):

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Legal Representative:

CAPRI OTTI Roberto (et al) (agent), Kirkpatrick & Lockhart LLP, Henry W
 Oliver Building, 535 Smithfield Street, Pittsburg, PA 15222-2312, US,
 Patent and Priority Information (Country, Number, Date):

Patent: WO 200392310 A1 20031106 (WO 0392310)
 Application: WO 2003US10596 20030407 (PCT/ WO US0310596)

Priority Application: US 2002128873 20020424
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(CA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9792

Fulltext Availability:
Detailed Description
Claims

Detailed Description

... currently predominantly accomplished manually by connecting an upload device (a portable data loader) to an aircraft, or using a permanently installed data loader and inserting the appropriate upload media, such as one or more floppy disks, into the data loader. Upon completion of the transfer from the media to the intended avionics unit, the software...

Claim

... the checksum is valid;
saving a buffer containing the received packets to a temporary file;
decrypting the temporary file;
decompressing the temporary file;
saving the file to a storage device; and
sending an acknowledgment to the remotely located computer.

98 The method of claim 97...

... not valid:
sending a negative acknowledgment to the remotely located computer.

99 A method of transmitting a file to an aircraft, comprising:
creating a socket upon receiving a request for a file;
receiving a connection message from a network;
determining whether there is a file available for uploading

27/3,K/8 (Item 8 from file: 349)
DI ALG(R) File 349: PCT FULLTEXT
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01006377 **Image available**
METHOD AND SYSTEM FOR DIGITAL RIGHTS MANAGEMENT IN CONTENT DISTRIBUTION APPLICATIONS
PROCEDURE ET SYSTEME POUR LOGICIEL DE DROITS D'AUTEUR ELECTRONIQUE DANS DES APPLICATIONS DE DISTRIBUTION DU CONTENU

Patent Applicant/Assignee:
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IBM DEUTSCHLAND GMBH, Pascalstrasse 100, 70569 Stuttgart, DE, DE (Residence), DE (Nationality), (Designated only for: LU)

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Patent and Priority Information (Country, Number, Date):
Patent: WO 200336441 A2-A3 20030501 (WO 0336441)
Application: WO 2002EP11289 20021009 (PCT/ WO EP02011289)
Priority Application: US 2001982203 20011018
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CJ CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK
SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(CA) BF BJ CF CG CI CM CA GN GD GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 12412

Fulltext Availability:
Detailed Description
Claims

Detailed Description

... digital content through their PCs
they must be able to copy that content on a CD-like device
which enables them to play the content on their home CD-like
player or a player in a car .

The foregoing objects are achieved by a method and a system as
laid out in...

Claim

... secure repository further comprises the
step of retrieving said digital secure repository from a
storage device also keeping said digital content.

23 The method for rendering digital content on a rendering
device according to claim 18, wherein the step of
decrypting said digital content further comprises the
step of retrieving said digital content from a storage
device .

24 The method for rendering digital content on a rendering
device according to claim 18, wherein the step of
decrypting said digital content further comprises the
step of retrieving said digital content from over a
communication link as downloaded or streaming data .

25 A computer program product stored on a computer usable
medium comprising computer readable program ..

27/3, K/9 (Item 9 from file: 349)
D:\LOG R\file 349: PCT_FULTEXT
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00973248 **Image available**
IMPROVED MEDIA DELIVERY PLATFORM
PLATE-FORME DE DISTRIBUTION DE CONTENUS DE SUPPORTS AMELIOREE

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Legal Representative:
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Wishire Boulevard, Santa Monica, CA 90401-1211, US.
Patent and Priority Information (Country, Number, Date):
Patent: WO 200303235 A1 20030109 (WO 0303235)
Application: WO 2002US20443 20020626 (PCT/ WO US0220443)
Priority Application: US 2001301681 20010627; US 2001303115 20010703; US
2001312450 20010814; US 2001343159 20011026

Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CJ CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(CA) BF BJ CF CG CI CM CA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17328

Fulltext Availability:
Detailed Description
Claims

Detailed Description

... earphones), and a server access element (which may be approximately
the size of a credit card). Such a device may be used as a hand held
portable music player, as well as a car radio or home system and
may include larger speakers for use as an audio system.

Claim

... 61, said means for preventing sound files from being copied or
transferred comprising encoding said device with scrambling/
unscrambling wave capabilities, said scrambling/ unscrambling wave
capabilities being unique to said device, such that when a sound file
is delivered to said device, a unique scrambling wave is encoded in said
file, and when said file is played back, a corresponding unique
unscrambling wave is sent, such that the file can be played back
with clarity.

63 The method of Claim 50, further comprising means... of encoding the
file with a scrambling wave, said scrambling wave being unique to said
device, encoding the file with said scrambling wave once the file is
received by said device; and playing the file on said device while
sending an unscrambling wave to counter said scrambling wave, such that
the file can be played with clarity. 105. The method of Claim 104
wherein said device is a telephone, and wherein said scrambling and
unscrambling waves are functions of the telephone number. 106. The
method of Claim 104 wherein the file is transmitted to a user of said
device for a fee. 107. A method of collecting information regarding the
public performance of copyrighted media content
comprising:
providing a device capable of receiving and playing back a media
file containing said
copyrighted media content;
providing a tracking feature on said device for tracking information
relating to the number of
times...

27/3, K/10 (Item 10 from file: 349)
DI ALG R) File 349: PCT FULLTEXT
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00946284 **Image available**

SYSTEM AND METHOD FOR CONFIGURING NETWORK ACCESS DEVICES
SYSTEME ET PROCEDURE DE CONFIGURATION DE DISPOSITIFS D'ACCES AU RESEAU

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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 (Residence), AU (Nationality), (Designated only for: US)
 Legal Representative:
 WFI GHF Bradley C (agent), Banner & Witcoff, Ltd., 1001 G Street, N.W.,
 Eleventh Floor, Washington, DC 20001-4597, US,
 Patent and Priority Information (Country, Number, Date):
 Patent: WO 200280515 A1 20021010 (WO 0280515)
 Application: WO 200218960 20020327 (PCT/ WO 0200960)
 Priority Application: US 2001822699 20010330
 Designated States:
 (Protection type is "patent" unless otherwise stated - for applications
 prior to 2004)
 AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM
 Publication Language: English
 Filing Language: English
 Fulltext Word Count: 4439

Patent and Priority Information (Country, Number, Date):
 Patent: ... 20021010
 Fulltext Availability:
 Detailed Description
 Claims
 Publication Year: 2002

Detailed Description

... re-start, the integrated access device 15 is directed to load
 necessary settings and to auto-configure ... card 33 and activates the
 integrated access device 15 after inserting the subscriber data storage
 card 33 into the data storage card reader 31 or into the PC data
 storage card reader 19, in step 113. Upon booting the computer 13,
 the subscriber data storage card 33 supplies the ATM PVC settings and
 the other parameters needed to establish connection between...

Claim

... 9 The method of claim 8 further comprising the step of installing a
 private encryption/ decryption key in the network access device (1
 5). The method of claim 1 wherein said step of storing configuration
 settings is performed by a member of the group consisting of a network
 operator (41) and an application service provider (51). 11 The method
 of claim 1 further comprising the step of providing said data storage
 card (3 3) to a subscriber of the network application service provider (5
 1... diagnostic
 routine. . The system of claim 16 further comprising software that
 installs a private encryption/ decryption key in the network access
 device (1 5).

22 The system of claim 15 wherein said configuration settings comprise
 voice and application service provider network (53).

24 The system of claim 23 further comprising a subscriber management
 system (27... system of claim 28 further comprising software that controls
 the
 installation of a private encryption/ decryption key in said network
 access device (15).

33 The system of claim 27 further comprising an access multiplexer (21)
 for connecting said network access device (15) to an application
 service provider network (53).

34 The system of claim 33 wherein said access multiplexer (21) comprises
 a...

00766091 **Image available**

VI RTUEL DI STRIBUTED MULTI MEDI A REGULATED GAM NG METHOD AND SYSTEM BASED ON
ACTUAL CASINO GAMES
PROCEDE ET SYSTÈME DE JEU DE SIMULATI ON REGLEMENTE MULTI MEDI A
VI RTUEL/ DI STRIBUE

Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200079467 A2-A3 20001228 (WO 0079467)

Application: WO 2000US40242 20000619 (PCT/ WO US0040242)

Priority Application: US 99336056 19990615

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN
YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(CA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 26800

Patent and Priority Information (Country, Number, Date):

Patent: ... 20001228

Fulltext Availability:

Detailed Description

Claims

Publication Year: 2000

Detailed Description

... relatively stress-free and timely manner, as compared to the stress
experienced by the live player at a table in the casino. As noted
earlier, casinos train and expect the card dealer to deal about 50
games per hour in a procedurally correct manner, otherwise the...e motel
(lobby, rooms), and (4) GCB authorized route operator sites (e.g.,
diners, restaurants, truck stops).

Content presentation may also have to be in a physical location wherein
gaming is legally sanctioned, particularly if credit cards are used for
wagering purposes by the player. Note that GCB typically limits credit
card losses on a per day basis, to deter problem gambling.

Additionally, the present invention discloses...

Claim

... WN 10@

WN / LOSS REPEAT WN / LO PAYA

REPEAT 0@ (670)

(AT REMOTE SEND ENCRYPTED

PROCESSOR) COMPRESSED

DECRYPT / VIDEO / AUDIO STREAM

DECOMP (372) --4 (661)

& DISPLAY

VIDEO STREAM RNG SE WAGER CK (663)

(30...

27/3,K/13 (Item 13 from file: 349)

DI ALCO (R) File 349: PCT FULLTEXT

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00748804 **Image available**

ELECTRONIC BOOK ALTERNATIVE DELIVERY METHODS

PROCEDES DE DISTRIBUTION DE REMPLACEMENT POUR LIVRES ELECTRONIQUES

Patent Applicant/Assigne:

INTERNET
Smart Card
1105
LIBRARY
262 1180
EVER
2ffl
W279
ITE
Fig. 2le
/53
1115
/11,10
I
PC with DTV
RECEIVER
Car
1180
INTERNET
1105
279
Fig. 2lf
/53
1115
/000op
I
HOME SYSTEM
WITH DIGITAL
TV...

27/3,K/14 (Item 14 from file: 349)
DIGITAL File 349: PCT FULLTEXT
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00745582 **Image available**
COPY SECURITY FOR PORTABLE MUSIC PLAYERS COPY SECURITY FOR PORTABLE MUSIC
PLAYERS

SECURITE ANTI-DUPLICATION POUR LECTEURS DE MUSIQUE PORTABLES

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

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KATZ Steven B, 720 Alta Avenue, Santa Monica, CA 90402, US,
KELSEY John Michael Jr, 105 Ventura, Apt. C, Jefferson City, MO 65109, US

SCHNEIER Bruce, 7115 West North Avenue, Oak Park, IL 60302, US,
Legal Representative:

IVEY James D (agent), Law Offices of James D. Ivey, 3025 Totterdell
Street, Oakland, CA 94611-1742, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200058963 A2-A3 20001005 (WO 0058963)

Priority Application: WO 2000US8118 20000324 (PCT/WO 0008118)

Designated States: US 99277439 19990326

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(CA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5974

Patent and Priority Information (Country, Number, Date):

Patent: 20001005

Fulltext Availability:

Detailed Description

Claims

Publication Year: 2000

Detailed Description

... store a number of SPTs 116 which can be directly downloaded into portable player 150, obviating removable digital storage media such as storage medium 202. However, it is desirable to permit playback of...

... as high-quality component players of home stereo systems and dash-mounted players installed in cars and other vehicles. Accordingly, removable storage media such as storage medium 202 is preferred to storage directly within portable player 150. External players are playback devices which can operate while detached from computer system... as those used in conjunction with currently available digital satellite system (DSS) receivers. Such smart cards can be inserted into a reader coupled to I/O port 140 (Figure 1) to carry out registration and key exchange...

... system component external player for playback of SPTs 116. Dashmounted external players in a car can include CLP 512A (Figure 5), certificate 508A, key pair 51 CA, and keys 504A...

Claim

... the key identification data corresponds to the key data received from the second data access device; retrieving encrypted subject data from the storage medium and decrypting the encrypted subject data using the key data received from the second data access device as an encryption key to form the subject data.

22. The method of Claim 21 wherein the storage medium is a removable

. The method of Claim 21 wherein decrypting comprises:

retrieving an encrypted master key from the storage medium

decrypting the encrypted master key using the data secretly held by the selected data access device as an encryption key to form a master key; and

decrypting the encrypted subject data using the master key to form the subject data.

24. The...

... a second data access device comprises:

sending a request message to the second data access device requesting key

data from the second data access device;

receiving a reply message from the second data access device which includes encrypted key data;

decrypting the encrypted key data to form the key data.

25. The method of Claim 24 wherein receiving key data uniquely

corresponding to a second data access device further comprises:

sending an exchange message to the second data access device where the exchange message includes encrypted...

... Claim 24 wherein the request message conveys a public key of the selected data access device to the second data access device.

32. The method of Claim 31 wherein decrypting the encrypted key data comprises:

decrypting the encrypted key data using the private key of the selected data access device to form the key data.

33. The method of Claim 21 wherein receiving key data uniquely

corresponding to a second data access device comprises:

receiving a request message from the second data access device requesting

key data from the selected data access device;

sending a reply message to the second data access device which includes

encrypted key data;
receiving

27/3, K/15 (Item 15 from file: 349)
DI ALCG(R) File 349: PCT FULLTEXT
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00744242 **Image available**

ASSOCIATING CONTENT WITH HOUSEHOLDS USING SMART CARDS
ASSOCIATION D'UN CONTENU A DES MENAGES AU MOYEN DE CARTES A PUCE

Patent Applicant/Assignee:

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Legal Representative:

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, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200057637 A1 20000928 (WO 0057637)

Application: WO 2000US7823 20000323 (PCT/WO US0007823)

Priority Application: US 99125998 19990324

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13468

Patent and Priority Information (Country, Number, Date):

Patent: ... 20000928

Fulltext Availability:

Detailed Description

Claims

Publication Year: 2000

Detailed Description

... is available from Microsoft Corporation of Redmond, Washington. Each
rendering system 312 includes a smart card reader that allows
communication between the rendering system and a smart card so that
encrypted media content received from server 314 can be decrypted and
rendered. Additionally, server 314 includes a smart card reader that
allows server 314 to encrypt received media content.

Alternatively, media content may be...

Claim

... the decoder, based on the household

identifier;

transferring the encrypted decoded content to a rendering device;

decrypting the encrypted decoded content at the rendering device; and
rendering the decoded content at the rendering device.

22 A method as recited in claim 12, wherein the encrypting comprises
encrypting the received media content at a computing device, and

further

comprising transferring the received media content to another

computing device.

23 One or more computer-readable memories containing a computer
program... as recited in claim 37, further comprising an additional
module, communicatively coupled to the encryption component, to receive
the encrypted media content, decrypt the encrypted media content,

process the decrypted media content, and encrypt the processed media content based on the key maintained on the smart card.

40 A system as recited in claim 37, further comprising a decoding module, communicatively coupled to the delayed viewing module, to receive the encrypted media content, decrypt the encrypted media content, decode the decrypted media content, and transmit the decoded media content to a rendering module.

41 A system as recited in claim 37, further comprising a smart card controller module Storage Device Over Network To To D

Another Device

335 338 3

No Smart

tl@

ard Authorized

To Decrypt

344 es

330 Decrypt And

Decode Content

346

ransmit Decoded

Content To

57e@ 7 Renderer

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Receive Encrypted

Content

358

No smart

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362

Decrypt And Decode

Content

IN

366

Transmit Decoded Encrypt Decoded

Content To Renderer Content

364--/

368

Transmit Encrypted

Decoded Content To

Renderer

370

No ma

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372

Decrypt And

27/3, K/17 (Item 17 from file: 349)

DIALOG File 349: PCT FULLTEXT

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00568371 **Image available**

COPY MANAGEMENT FOR DATA SYSTEMS
GESTION DE LA COPIE POUR SYSTEMES DE DONNEES

Patent Applicant/Assignee:

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200031744 A1 20000602 (WO 0031744)
Application: WO 99GB3877 19991119 (PCT/ WO GB9903877)
Priority Application: GB 9825337 19981119
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
GB JP KR SG US
Publication Language: English
Fulltext Word Count: 8999
Patent and Priority Information (Country, Number, Date):
Patent: ... 20000602
Fulltext Availability:
Detailed Description
Claims
Publication Year: 2000

Detailed Description

... will be appreciated that the removable memory card need not be connected to a said **player** device when encrypted data is being transferred thereto, and that the **card** will generally be capable of interfacing with any of a number of data **player** devices, for example a set of **player** devices owned by one user, such as a portable audio player device, a home stereo system and a **car** audio system. The user will also own a 35 copying system in the form of... steps carried out during operation of the apparatus of Fig.1, where a removable memory **card** 3 is used. In Step 11 a user registers one or more different **player** devices 2 (e.g. a portable **player**, **car** **player** unit and a home stereo unit incorporating solid state memory) with the memory **card** 3, by uploading a respective registration code 2 stored in each **player** device 2 (stored in substantially tamper-proof memory in the **player** devices 2), into the memory **card** 3. In 10 Step 2, the registration code(s) are uploaded from the **card** 3 into a memory of the copying unit 1 (e.g. dubbing station or vending... been downloaded,.

15 in compressed form from the Internet. Alternatively, it Although only one memory **card** 3 and one **player** device 2 are shown in the drawings, it will be appreciated that many different memory **cards** 3 could be used, each in the same manner as the above-described **card** 3. Also, the system is generally intended for use with two or more **player** devices 2 30 e.g. portable **player**, home stereo unit, **car** stereo unit etc., each having its own different registration code.

The **player**(s) 2 and...

...in order to allow new data to be stored (and new **players** registered with the **card** (s)). Also, a facility may be provided to enable the user to rearrange the order of stored **player** registration keys.

Furthermore, the registration keys may include code which 5 identifies a **player** as a certain type of **player** e.g. portable **player**, **car** **player**, and the system may be configured so as not to allow more than one...

Claim

... 3) associated with at least one said **player** device, together with the plurality of encrypted **decryption** keys; using the private key provided in said at least one **player** device to **decrypt** the respective encrypted **decryption** key, and 30 using the **decrypted decryption** key to **decrypt** the encrypted data transferred to said second data storage means; and preventing new registration codes from being stored in the memory means (28... to at least one said second data storage means (3), together with each said encrypted **decryption** key; 30 **decryption** means (36, 94) provided in each said **player** device (2) for **decrypting** the encrypted data transferred to said second data storage means, and including **decryption** means (94) for **decrypting** a said encrypted **decryption** key corresponding to the said **player** device, using the respective private key

35 (42) for the said player device;
digital to...second memory means
(28) is provided with identifier means for identifying the
said corresponding encrypted decryption key for the said data
player device, from all of the encrypted decryption keys
transferred to the second data storage means (3) .

27/3, K/18 (Item 18 from file: 349)
DI ALCO R) File 349: PCT FULLTEXT
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00549808 **Image available**
AUDIO CASSETTE EMULATOR WITH CRYPTOGRAPHIC MEDIA DISTRIBUTION CONTROL
EMULATEUR DE CASSETTE AUDIO A LIMITATION CRYPTOGRAPHIQUE DE DISTRIBUTION
DES SUPPORTS

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Patent and Priority Information (Country, Number, Date):
Patent: WO 200013181 A2-A3 20000309 (WO 0013181)
Application: WO 99US19318 19990825 (PCT/WO US9919318)

Priority Application: US 98112698 19980827; US 99138551 19990610; US
99363411 19990729; US 99363413 19990729

Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
GH GM HR HU IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU
ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 27512

Patent and Priority Information (Country, Number, Date):

Patent: ... 20000309

Fulltext Availability:

Detailed Description

Claims

Publication Year: 2000

Detailed Description

... of analog audio signals, nor allow the use of existing audio playback
equipment (e.g., car stereos) for digital information, as does the
Audio Cassette Emulator described herein].

One possible technique...

... is to load the music from the Internet through a computer into a memory
chip card, such as Toshiba's SmartMedia or SanDisk's MultiMedia Card,
which could later be played through an existing tape cassette player,
using the Audio Cassette Emulator. There are a variety of other means
to load the music from a computer... example encoding or encryption. In
the exemplary embodiment the results are written to the memory card
through the memory card reader/writer 182.

The current state of the output - especially for example position - could
be stored...

... necessarily fixed) location on the memory card.

REVERSE Operation

Some equipment, especially for example in automobiles where there is no RECORD feature, support the REVERSE operation. This allows the "other side...".

As shown in FIGURE 9, after utilizing device 1 00 with, for example, an automobile cassette player, a user may transport the device to a PC located at work or home, insert...

Claim

... the beginning of the performance presented to the user.

18 A method according to claim 1 0, wherein said audio message is generated by the device.

19 A method according to...

... converting digital information to magnetic signals which are presented to said tape player; and a processor, said processor being operable to access said encrypted digital information for decrypting said digital information and for controlling the transmission of decrypted audio information to said interface.

24 An interface device according to claim 23, further including an insertion port for removably receiving said storage device... memory to the device.

38 A method according to claim 33, wherein the step of decrypting the audio information includes the step of decrypting the audio information using a device private key.

39 A method according to claim 33, wherein the received encrypted information is digitally signed and further including the step of verifying the signed material using a...

... in said device;

accessing by a processor embodied in said device said encrypted digital information;

decrypting by said processor said encrypted digital information; controlling the transmission of decrypted audio information to an interface; and converting digital information to magnetic signals which are presented to said...

... operation on said audio cassette player.

46 A method according to claim 44, wherein said processor is operable to perform a decryption operation by accessing a secret private key corresponding to a device public key.

47 In an interface device for transferring digital data to equipment designed to process magnetic storage media signals and having a plurality of user

27/3, K/20 (Item 20 from file: 349)

DI ALCO R) File 349: PCT FULLTEXT

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00527708 **Image available**

METHOD AND SYSTEM FOR DISTRIBUTING PROCESSING INSTRUCTIONS WITH ADATA TO BE PROCESSED

PROCEDE ET SYSTEME DE DISTRIBUTION D'INSTRUCTIONS DE TRAITEMENT DE DONNEES

Patent Applicant/Assignee:

DIGITAL HARMONY TECHNOLOGIES L L C,

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KARR Brian D,

BARTLETT Gregory J,

Inventor(s):

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BARTLETT Gregory J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9959060 A2 119991118

Application: WO 99US10255 19990510 (PCT/WO US9910255)

Priority Application: US 9885021 19980511

Designated States:

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AL AM AT AU AZ BA BB BG BR BY CA CH CN CQ CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW
MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA
ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI GM GA GN GW ML
MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 3595

Patent and Priority Information (Country, Number, Date):

Patent: ... 19991118

Fulltext Availability:

Detailed Description

Claims

Publication Year: 1999

Detailed Description

... take advantage of improvements in techniques for processing such digital data. For example, a DVD player that supports AC-3 decoding may not also support DTS decoding or an improved AC-3

... It may be theoretically possible to upgrade such home entertainment devices by having the owner ship the device to an upgrade facility of the company. Such upgrading, however, may be cost...

Claim

... the other device receives the source data from an external source, and wherein the other device forwards the source data along with the instructions stored in memory to the device.

12 The device of claim 1 wherein the instructions are for decrypting the source data.

13 A computer-readable medium containing a data structure that includes:
source...

...instructions for performing processing on the source data

SUBSTITUTE SHEET (RULE 26)

whereby the source data and computer instructions are transmitted as a unit to the extensible device and wherein the extensible device can execute the...

... disk.

17 The computer-readable medium of claim 10 wherein the computer instructions control the decrypting of the source data.

18 The computer-readable medium of claim 10 wherein the extensible device that that reads the data structure does not output the computer instructions.

19 A method in a device for transmitting source data, comprising:
receiving the source data at the device from a source external to the device;
retrieving instructions from memory of the device, the instructions for processing the source data; and
transmitting the retrieved instructions and the received source data to an extensible device so that the...

... SUBSTITUTE SHEET (RULE 26)

20 The method of claim 19 wherein the instructions are for decrypting the received source data.

21 The method of claim 19 including receiving instructions at the device from the source external to the device and transmitting the received instructions and the received source data rather than transmitting the instructions retrieved from memory.

22 A computer-readable medium containing computer instructions for controlling an extensible device to process source data, by: receiving source data along with instructions for processing the source data at the extensible device; storing the received

27/3, K/21 (Item 21 from file: 349)
DI ALGO R) File 349: PCT FULLTEXT
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00301517 **Image available**

A METHOD AND SYSTEM FOR AUDIO INFORMATION DISSEMINATION USING VARIOUS
TRANSMISSION MODES
PROCEDE ET SYSTEME DE DIFFUSION D'INFORMATIONS AUDIO UTILISANT DIVERS MODES
DE TRANSMISSION

Patent Applicant/Assignee:
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Inventor(s):

RYAN John Q

Patent and Priority Information (Country, Number, Date):

Patent: WO 9519668 A1 19950720

Application: WO 95US578 19950112 (PCT/ WO US9500578)

Priority Application: US 94181394 19940112

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AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP KE KG KP KR KZ
LK LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN
KE MW SD SZ AT BE CH DE DK ES FR GB GRIE IT LU MC NL PT SE BF BJ CF CG
CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 5428

Patent and Priority Information (Country, Number, Date):

Patent: ... 19950720

Fulltext Availability:

Detailed Description

Claims

Publication Year: 1995

Detailed Description

... conventional radio or television receiver.

Another embodiment may encompass all of the elements of the receiver except the control and audio elements in a device stored in the trunk of an automobile similar to CD music systems, with an output mini radio transmitter tuned to an unused FM or AM radio channel. This radio transmitter output would be coupled to the standard automobile radio antenna for outputting of the audio signal to the user.

Another embodiment of the...

Claim

... decryptor;

5 a memory having an input port connected to the output terminal of the decryptor,
and having an output port;
a decompression circuit having an input terminal connected to the output port of
the memory and having an...

...connected to the output terminal of the decompression circuit, and
having an output terminal for providing an analog signal.

35 The receiver of Claim 34, further comprising:
a voice synthesizer circuit having an input terminal connected to...

27/3, K/22 (Item 22 from file: 349)
DI ALCO R) File 349: PCT FULLTEXT
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00247415 **Image available**
SIGNAL DISTRIBUTION SYSTEM
SYSTEME DE DISTRIBUTION DE SIGNALX
Patent Applicant/Assignee:

COACHLINE VIDEO EXPRESS PTY LTD,
SPALDING David Ian,
SEYMOUR John Ashley,

Inventor(s):
SPALDING David Ian,
SEYMOUR John Ashley.

Patent and Priority Information (Country, Number, Date):

Patent: WO 9321703 A1 19931028

Application: WO 93AU168 19930414 (PCT/ WO AU8300168)

Priority Application: AU 921958 19920415; AU 922976 19920615

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BB BG BR CA CH CZ DE DK ES FI GB HU JP KP KR KZ LK LU MG MN MW NL
NO NZ PL PT RO RU SD SE SK UA US VN AT BE CH DE DK ES FR GB GR IE IT LU
MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 14364

Patent and Priority Information (Country, Number, Date):

Patent: 19931028

Fulltext Availability:

Claims

Publication Year: 1993

Claim

... are selected from the group consisting of:

Ma video tape and a video tape player;

(ii) a compact disc and a compact disc player;

(iii) a compact cassette and a compact cassette player;

(iv) a digital audio tape and a digital audio tape player;

(v) a computer memory and a computer device; and

(vi) a transmitted signal and transmitted...

...configured to transmit said signal about a structure selected from the group consisting of an aircraft, a railway carriage, a multi-passenger motor vehicle, and a building.

26 A system as... by

which said switch selects said paths for a subsequent frame thereby enabling said receiver unit to receive the combined transmitted signal

for said one frame, decrypt same to extract said coding sequence and using said coding sequence to connect said receiver unit to the corresponding communication paths for said subsequent frame.

43 A system as claimed in claim 42, wherein said subsequent frame is a next...

...said first switching means selects said paths for a subsequent frame thereby enabling said receiver device to receive the combined transmitted

signal for said one frame, decrypt same to extract said sequence, and using said sequence to operate ...by which said switch selects said paths for

a subsequent frame thereby enabling said receiver unit to receive the combined transmitted signal for said one frame, decrypt same to extract said coding sequence and using said coding sequence to connect said receiver unit to the corresponding communication paths for said subsequent frame.

20 A system as claimed in claim 19, wherein said subsequent frame is a next...

